

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2003/001526

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A62B 9/00 18/08 A61M 16/00 B63C 11/14 11/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI and keywords: medication and deliver and respirator and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|--|
| X | US 4433684 A (SARNOFF et al.) 28 February 1984 Column 3 line 67 to column 4 line 68 | 1,2,4-16, 20,24,25,31-40, 48,49,57-63 |
| Y | | 28,29,45-47,51-53 |
| X | US 6014972 A (SLADEK) 18 January 2000 Column 3 lines 7 to 24 | 1,2,4-16, 20,24,30-40, 44,48-50,54,57-63 |
| Y | | 28,29,45-47,51-53 |

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

19 January 2004

Date of mailing of the international search report

23 JAN 2004

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| C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|---|--|--|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | WO 95/31240 A1 (BALLARD MEDICAL PRODUCTS) 23 November 1995 Page 10 lines 3 to 10 | 51,52 |
| Y | US 6116238 A (JACKSON et al.) 12 September 2000 Column 6 lines 9 to 12 Column 1 lines 50 to 62 | 28,29,45-47, 53 |
| P,X | WO 03/041774 A1 ((AEROGEN (IRELAND) LIMITED) 22 May 2003 Page 2 lines 17 to 28 | 1,2,4,7,13,14, 28-35,39,48- 50,53,57,59, 63 |
| X | US 5996579 A (COATES et al.) 7 December 1999 Column 2 line 66 to column 3 line 29 | 1,2,4,7,11,13, 14,16,30-35, 37,48,49,57, 59 |

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | | Patent Family Member | | | | |
|--|-----------|------|----------------------|----|----------|----|----------|
| US | 4433684 | NONE | | | | | |
| US | 6014972 | NONE | | | | | |
| WO | 9531240 | AU | 19372/95 | AU | 19908/95 | AU | 20924/95 |
| | | AU | 22733/95 | EP | 0812220 | US | 5694922 |
| | | US | 5730123 | US | 5735271 | US | 6012451 |
| | | US | 6494203 | WO | 9531249 | WO | 9531250 |
| | | WO | 9626757 | | | | |
| US | 6116238 | AU | 15974/99 | CA | 2312786 | EP | 1042025 |
| | | US | 6237591 | WO | 9927987 | | |
| WO | 03/041774 | IE | 20020852 | | | | |
| US | 5996579 | NONE | | | | | |
| END OF ANNEX | | | | | | | |

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